



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IND 980904379

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Beck's Lake Site	02 STREET, ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER Colfax and Kaley Streets				
03 CITY South Bend	04 STATE IN	05 ZIP CODE 46619	06 COUNTY St. Joseph	07 COUNTY CODE 141	08 CONG. DIST. 003
09 COORDINATES LATITUDE 41° 40' 05" N LONGITUDE 86° 17' 30" W		South Bend West Quad			

10 DIRECTIONS TO SITE (Starting from nearest public road)

Take US 31 north to South Bend. Exit West on Western Road. Take a right 2 miles down on Dundee Street. Go 2 blocks to Washington St. Park is in front of you along the next 7 blocks.

III. RESPONSIBLE PARTIES

01 OWNER (Name) City of South Bend/Dept of Public Works	02 STREET (Business, making, residential) 301 South St. Louis		
03 CITY South Bend	04 STATE IN	05 ZIP CODE 46617	06 TELEPHONE NUMBER ( ) Mr. Seitz
07 OPERATOR (If known and different from owner) same	08 STREET (Business, making, residential)		
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ( )
13 TYPE OF OWNERSHIP (Check one) <input type="checkbox"/> A PRIVATE <input type="checkbox"/> B FEDERAL <input type="checkbox"/> C STATE <input type="checkbox"/> D COUNTY <input checked="" type="checkbox"/> E MUNICIPAL <input type="checkbox"/> F OTHER <input type="checkbox"/> G UNKNOWN			

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check appropriate)  
☐ A RCRA 3001 DATE RECEIVED MONTH DAY YEAR ☒ B UNCONTROLLED WASTE SITE CERCLA 102 DATE RECEIVED 3 28 84 ☐ C NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input type="checkbox"/> YES DATE MONTH DAY YEAR <input checked="" type="checkbox"/> NO	BY (Check appropriate) <input type="checkbox"/> A EPA <input type="checkbox"/> B EPA CONTRACTOR <input type="checkbox"/> C STATE <input type="checkbox"/> D OTHER CONTRACTOR <input type="checkbox"/> E LOCAL HEALTH OFFICIAL <input type="checkbox"/> F OTHER CONTRACTOR NAME(S):		
02 SITE STATUS (Check one) <input type="checkbox"/> A ACTIVE <input checked="" type="checkbox"/> B INACTIVE <input type="checkbox"/> C UNKNOWN	03 YEARS OF OPERATION unknown 1960s <input checked="" type="checkbox"/> UNKNOWN BEG. YEAR ENDING YEAR		

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN OR ALLEGED

organics (toxic, persistent)	acids (corrosive, reactive)
inorganics (toxic, persistent)	bases (corrosive, reactive)
solvents (toxic, flammable, ignitable)	heavy metals (persistent, toxic)
	asbestos (toxic)

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

surface waters (population/environment)  
groundwaters (population/environment)  
direct contact (population/environment)

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2, Waste Information and Part 3, Description of Hazardous Conditions and Incidents)  
☒ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspection on time available basis) ☐ D. NONE (No further action needed; complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Harry Atkinson	02 OF (Agency, Organization) Indiana State Board of Health	03 TELEPHONE NUMBER (317) 243-5132
04 PERSON RESPONSIBLE FOR ASSESSMENT Susanne Buthman	05 AGENCY ISBH	06 ORGANIZATION LPC
	07 TELEPHONE NUMBER (317) 243-5034	08 DATE 5 31 85 MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE  
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PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
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II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply) <input checked="" type="checkbox"/> A SOLID <input checked="" type="checkbox"/> B POWDER FINES <input checked="" type="checkbox"/> C SLUDGE <input type="checkbox"/> D OTHER _____ Specify: _____	02 WASTE QUANTITY AT SITE Measures of waste quantities must be independent: TONS unknown CUBIC YARDS unknown NO OF DRUMS unknown	03 WASTE CHARACTERISTICS (Check all that apply) <input checked="" type="checkbox"/> A TOXIC <input checked="" type="checkbox"/> B CORROSIVE <input type="checkbox"/> C RADIOACTIVE <input checked="" type="checkbox"/> D PERSISTENT <input checked="" type="checkbox"/> E SOLUBLE <input type="checkbox"/> F INFECTIOUS <input checked="" type="checkbox"/> G FLAMMABLE <input checked="" type="checkbox"/> H IGNITABLE <input checked="" type="checkbox"/> I HIGHLY VOLATILE <input type="checkbox"/> J EXPLOSIVE <input checked="" type="checkbox"/> K REACTIVE <input type="checkbox"/> L INCOMPATIBLE <input type="checkbox"/> M NOT APPLICABLE
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III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	unknown	unknown	waste streams from Bendix show
OLW	OILY WASTE	unknown	unknown	many chemicals, especially heavy
SOL	SOLVENTS	unknown	unknown	metals, in the wastes disposed
PSD	PESTICIDES			of (see attached sheet).
OCC	OTHER ORGANIC CHEMICALS	unknown	unknown	Amounts are unknown as is the
IOC	INORGANIC CHEMICALS	unknown	unknown	physical state of wastes at the
ACD	ACIDS	unknown	unknown	time of disposal. Major
BAS	BASES	unknown	unknown	components are listed below.
MES	HEAVY METALS	unknown	unknown	

IV. HAZARDOUS SUBSTANCES

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/ DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
MES	Chromium (+6)	7440-47-3			
MES	Cadmium	7440-43-9			
IOC	Asbestos	1332-21-4			
ACD	Sulfuric acid	7664-93-9			
OCC	Napthalene	91-20-3			
SOL	Methyl Isobutyl Ketone	108-10-1			
SOL	Ethanol	999			
SOL	4,4-Methylene bis (2-Chloroanilene)	101-14-4			
MES	Lead	7439-92-1			
MES	Selenium	7782-49-2			
MES	Zinc	7440-66-6			
IOC	Barium Chloride	10361-37-2			
MES	Nickel	7440-20-0			
OCC	Phenols	999			
MES	Barium	999			
MES	Arsenic	7440-35-2			

V. FEEDSTOCKS

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION

Indiana State Board of Health files--Bendix Corp, RCRA, ERRIS  
Paul Trost-St. Joseph County Health Officer



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PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE IND 02 SITE NUMBER 980904379

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION 02 OBSERVED (DATE) ☒ POTENTIAL ALLEGED  
03 POPULATION POTENTIALLY AFFECTED >10,000 04 NARRATIVE DESCRIPTION

Site area served by city water and private wells. Shallow aquifer in area. Water at 3-40 feet below surface.

3 city wellfields with 3-mile radius.

01 ☒ B SURFACE WATER CONTAMINATION 02 OBSERVED (DATE) ☒ POTENTIAL ALLEGED  
03 POPULATION POTENTIALLY AFFECTED >10,000 04 NARRATIVE DESCRIPTION

Beck's Lake is on the property. No sampling of lake in files. Potential for migration of chemicals into lake via surface runoff and barrels leaking through the shallow layer of soils.

01 ☒ C CONTAMINATION OF AIR 02 OBSERVED (DATE) ☒ POTENTIAL ALLEGED  
03 POPULATION POTENTIALLY AFFECTED >10,000 04 NARRATIVE DESCRIPTION

Potential for buried asbestos to surface and become airborne.

01 ☐ D FIRE EXPLOSIVE CONDITIONS 02 OBSERVED (DATE) ☐ POTENTIAL ALLEGED  
03 POPULATION POTENTIALLY AFFECTED 04 NARRATIVE DESCRIPTION

unknown

01 ☒ E DIRECT CONTACT 02 OBSERVED (DATE) ☒ POTENTIAL ALLEGED  
03 POPULATION POTENTIALLY AFFECTED >10,000 04 NARRATIVE DESCRIPTION

Large potential for park visitors to contact chemicals while in park or lake if waste streams were put here. Heavy metal wastes would still be present in the soils.

01 ☒ F CONTAMINATION OF SOIL 02 OBSERVED (DATE) ☒ POTENTIAL ALLEGED  
03 AREA POTENTIALLY AFFECTED 13 04 NARRATIVE DESCRIPTION

See E above. If liquids were dumped unbarrelled, massive soil contamination would result. If barrelled and buried, barrels could leak. Asbestos fibers may be buried here also.

01 ☒ G DRINKING WATER CONTAMINATION 02 OBSERVED (DATE) ☒ POTENTIAL ALLEGED  
03 POPULATION POTENTIALLY AFFECTED >10,000 04 NARRATIVE DESCRIPTION

Definite potential for drinking water contamination due to private wells around site and 3 city wellfields in 3 mile radius.

01 ☒ H WORKER EXPOSURE INJURY 02 OBSERVED (DATE) ☒ POTENTIAL ALLEGED  
03 WORKERS POTENTIALLY AFFECTED unknown 04 NARRATIVE DESCRIPTION

Yes, if asbestos or heavy metals were placed on-site during the disposal years.

01 ☒ I POPULATION EXPOSURE INJURY 02 OBSERVED (DATE) ☒ POTENTIAL ALLEGED  
03 POPULATION POTENTIALLY AFFECTED >10,000 04 NARRATIVE DESCRIPTION

Site is a city park now and is located southwest of the heart of South Bend. Residential area surrounds the site so population could be directly affected by materials.



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II. HAZARDOUS CONDITIONS AND INCIDENTS *Continued*

01 ☒ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

Heavy metals affect plant growth and can lead to large areas of denuded soils; increasing erosion and runoff.

01 ☒ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION *include name(s) of species*

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

Yes, if fish in the lake are eating contaminated benthic organisms or organic wastes in lake waters.

01 ☒ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

Bioaccumulation could occur via plants and fish, up through the food chain to man.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES

*(Some "unstable" wastes may require evaluation)*

03 POPULATION POTENTIALLY AFFECTED >10,000

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION

Yes, if liquids were dumped unbarrelled or if buried barrels and asbestos are migrating to the surface.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

Yes, if migration of chemicals was in process. Migration time will depend on wastes and their burial state.

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

Yes, area is on city sewer system.

01 ☒ P. ILLEGAL UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

Very likely due to the nature of the site. It was an open dump, unfenced when it began.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

Unknown

III. TOTAL POPULATION POTENTIALLY AFFECTED: >10,000

IV. COMMENTS

City of South Bend may have soil borings or old files for this site (Parks Dept., Building and Construction, etc). Very little information available on site.

V. SOURCES OF INFORMATION *Cite specific references, e.g., state files, sample analysis reports.*

Indiana State Board of Health files: Bendix RCRA; ERRIS, CERCLA  
Paul Trost--St. Joseph County Health Officer